



Lunch seminar series – SciLifeLab Gothenburg

SciLifeLab (www.scilifelab.se) is a national infrastructure within life science with a wide range of advanced technology and expertise. The newly started SciLifeLab site in Gothenburg includes units at both the University of Gothenburg and Chalmers University of Technology and has a strong connection to Sahlgrenska University Hospital. This seminar series is started with an overview of the site, followed by presentations by the individual units.

Location: Assembly Room Birgit Thilander, Medicinaregatan 3

A light lunch will be offered during the talks.

Please register by e-mail to maria.smedh@gu.se, one week in advance of each seminar.

Monday 3/10, 12:00 – 13:00, Assembly Room Birgit Thilander

The SciLifeLab national site in Gothenburg

Maria Smedh

An overview of the national infrastructure SciLifeLab and the site in Gothenburg.

Tuesday 11/10, 12:00 – 13:00, Assembly Room Birgit Thilander

Clinical Genomics Gothenburg - Infrastructure and Research services

Meena Kanduri

Join us to learn more about the NGS-based services and the bioinformatic support that we offer here in Clinical Genomics Gothenburg (CGG) unit with a focus towards translational and clinical research.

Monday 24/10, 12:00 – 13:00, Assembly Room Birgit Thilander

Swedish NMR Centre - NMR in life sciences

Göran Karlsson

The Swedish NMR Centre is a national research infrastructure offering metabolomics, protein-drug interaction studies and protein structure and dynamics characterization

Tuesday 1/11, 12:00 – 13:00, Assembly Room Birgit Thilander

Bioinformatics and Data Center - A bioinformatics hub supporting biomedical and clinical research

Marcela Davila / Per Sikora

In this seminar, we will present the new setup for bioinformatics and infrastructure support at Core Facilities. The Bioinformatics and Data Centre provides high-throughput techniques for biomedical, clinical and pre-clinical research; a wide range of support in bioinformatics and statistics is available - from short term consulting to long term project support and training; general consulting and support for HPC hardware and software infrastructure development and storage for “big data”.

Tuesday 8/11, 12:00 – 13:00, Assembly Room Birgit Thilander

NBIS - Bioinformatics and data support at SciLifeLab

Thomas Svensson

NBIS, National Bioinformatics Infrastructure Sweden, is a distributed national research infrastructure. We are the SciLifeLab bioinformatics platform and the Swedish node in Elixir, a European intergovernmental organisation bringing together life science resources from across Europe. We offer bioinformatics support, infrastructure and training.

Monday 21/11, 12:00 – 13:00, Assembly Room Birgit Thilander

Glycoproteomics - How to analyze the importance of protein glycosylation

Carina Sihlbom

Changes in the glycosylation of proteins is one of the first signs of a disease, and advanced mass spectrometry is central for the study of such protein structure.

Monday 28/11, 12:00 – 13:00, Assembly Room Birgit Thilander

The Centre for Cellular Imaging - A research infrastructure for correlated multimodal imaging

Julia Fernandez-Rodriguez

The CCI specializes in 3D correlative imaging, i.e. the sequential combination of two or more imaging techniques to gain knowledge across multiple scales

Tuesday 6/12, 12:00 – 13:00, Assembly Room Birgit Thilander

OligoNova Hub - National resource for development of oligonucleotide therapies

Pär Matsson

We will present OligoNova Hub and the capabilities we provide for academic researchers to transform their scientific discoveries into new oligonucleotide therapies.

Tuesday 13/12, 12:00 – 13:00, Assembly Room Birgit Thilander

SciLifeLab Metabolomics platform - Metabolomics for the masses

Otto Savolainen

Metabolites reflect the interaction between the gene cascade and surrounding exposures and are therefore essential components in all living organisms. Metabolites can be used to identify biomarkers of both health conditions and environmental exposures. The SciLifeLab Metabolomics platform offers a range of services for researchers interested in metabolomics.